

RAAF Townsville NFPMS Report: September 2025

This page displays aircraft noise and flying activity data collected from the Defence NFPMS for RAAF Base Townsville.

Air Traffic by Category: All Flights

This table shows the breakdown of traffic by aircraft category.

Aircraft Category	Movements	% of total
Military Fast Jets	52	1.16%
Military Other Jets	23	0.51%
Military Turboprops	46	1.03%
Military Helicopters*	147	3.29%
Civil Jets	1203	26.91%
Civil Props	2250	50.34%
Civil Helicopters	749	16.76%

*Military helicopter counts limited availability without military radar data

Runway Use

This table shows runway use by aircraft category.

Aircraft Category	Rwy 01	Rwy 07	Rwy 19	Rwy 25
Civilian	62%	12%	25%	1%
Military	93%	0%	7%	0%

Movements by Hour and Category: All Flights

This table shows the aircraft movements by hour of day and operator category.

Aircraft Category	Hour of Day																							
	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm
Military	0	0	0	0	3	0	0	1	6	11	12	26	31	32	24	13	11	16	23	18	17	17	7	0
Civilian	24	16	12	13	12	14	162	296	384	372	293	313	309	251	293	388	314	198	143	129	129	151	33	32

Movements by Day and Category: All Flights

This table shows the aircraft movements by day and operator category.

Aircraft Category	Day of Month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Military	15	11	20	20	6	3	0	7	9	11	13	5	2	1	10	18	14	13	8	22	5	9	9	3	3	4	2	1	18	6
Civilian	149	171	169	180	151	71	78	129	173	174	188	156	79	80	148	153	179	195	154	75	74	167	173	167	173	160	81	82	164	188

Total Events by Day

This table shows the count of daily noise events at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Bushland Beach	4	3	3	1	0	0	1	2	0	2	0	1	1	0	2	1	1	3	2	3	1	3	1	2	2	1	0	0	1	2
Gulliver	19	14	15	16	17	10	9	17	21	18	26	16	27	8	14	20	13	23	21	12	3	20	26	11	19	11	4	4	8	12
Mt Louisa	24	19	20	21	14	9	11	16	24	27	24	14	5	11	20	32	31	22	22	13	7	29	23	23	17	13	8	7	4	13
North RWY 19	72	78	80	79	64	22	35	52	106	95	95	66	32	41	84	91	87	99	80	43	45	93	88	85	87	83	30	34	112	88
Pallarenda	16	18	18	19	16	1	2	5	7	22	20	11	2	0	7	9	17	13	23	3	8	16	8	10	21	23	4	7	19	16
South RWY 01	68	85	79	83	73	36	40	70	97	96	100	66	52	37	83	82	83	89	76	48	46	100	99	80	87	70	47	46	72	87
Thuringowa	41	44	47	46	40	16	25	35	43	50	42	42	18	29	42	44	55	42	43	32	26	39	42	48	49	28	26	29	40	48

Operator Category	
Military	Civil
5	38
31	423
76	447
77	2069
19	342
122	2055
44	1107

N70 Events by Day

This table shows the count of daily noise events exceeding 70 dB(A) at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Bushland Beach	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
Gulliver	7	2	2	3	0	1	1	2	2	1	2	1	7	0	1	6	0	3	5	7	1	4	4	3	0	1	0	0	2	2	
Mt Louisa	19	14	17	19	11	8	6	11	16	18	22	9	4	8	16	24	18	21	20	12	4	25	17	14	11	9	7	5	3	8	
North RWY 19	53	64	61	57	51	21	33	46	66	72	70	54	25	30	71	69	72	78	69	33	32	69	60	60	69	62	22	31	76	70	
Pallarenda	0	0	2	0	0	0	1	1	0	0	1	1	0	0	0	2	2	2	3	1	0	4	1	1	0	2	1	0	0	0	
South RWY 01	62	73	72	77	61	29	34	61	72	79	81	57	36	34	73	75	72	79	73	40	31	89	82	72	75	56	37	37	55	78	
Thuringowa	28	25	33	29	27	14	19	26	28	32	28	25	15	21	31	31	29	32	29	20	19	27	27	35	32	19	20	19	25	25	

Operator Category	
Military	Civil
2	4
23	47
65	331
65	1581
8	17
94	1758
32	738

N85 Events by Day

This table shows the count of daily noise events exceeding 85 dB(A) at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Bushland Beach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gulliver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Mt Louisa	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0
North RWY 19	10	5	13	10	7	2	8	6	4	9	13	6	3	6	6	15	10	13	13	11	13	9	6	10	9	8	2	8	16	8
Pallarenda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
South RWY 01	39	38	49	42	37	22	27	36	45	45	34	37	22	26	44	39	47	47	45	31	26	53	33	40	42	32	24	29	46	43
Thuringowa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0

Operator Category	
Military	Civil
0	0
2	0
6	2
40	219
3	0
57	1063
4	0